Use Attainability Analysis

for

WBID 0621 West Fork Medicine Creek (Shankton Creek)

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

.

WATER PROTECTION PROGRAM

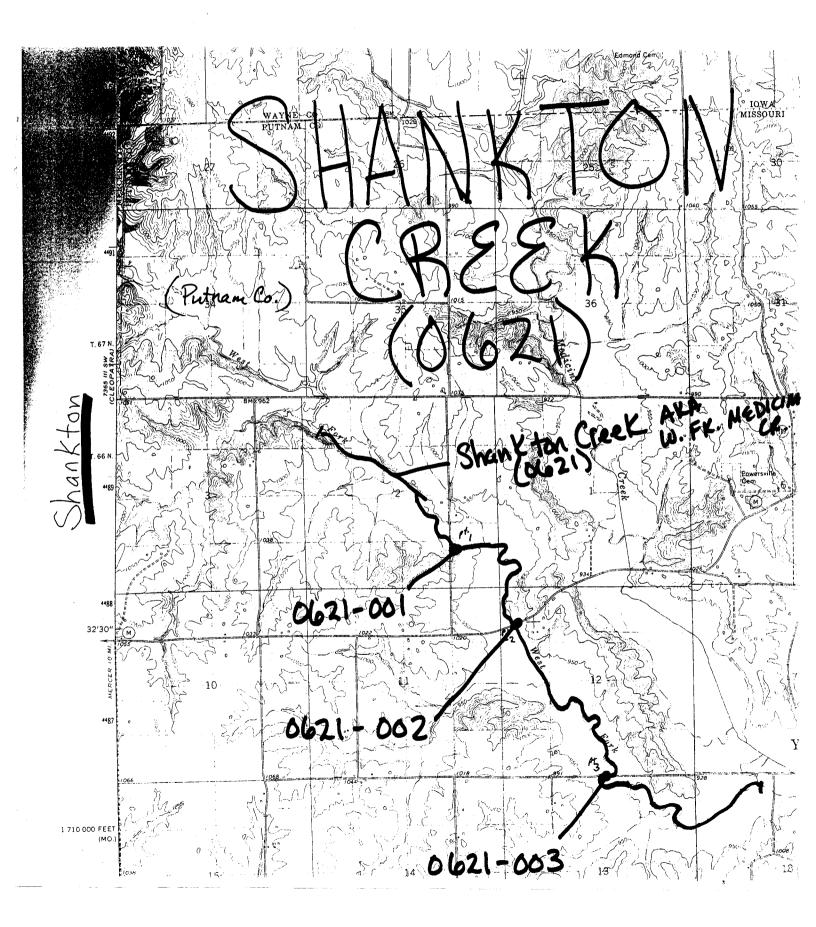
Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Wast Fork Medicine Creek (Shankton Cr)
8-digit HUC: 102 8010 3
Missouri WBID #: 0621
County: Putnam
Upstream Legal Description! NW /4, NW/4, Seca, T66N, B 22W
Downstream Legal Description: NEY4, NWY4, Sec. 12, Tlow Raiw
Upstream Coordinates: 40.54753N/93.34136W/24.6 FUM 24.6
Downstream Coordinates: 40.53014 N/93.32555ω/ FOM 13.9 ft
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Dave Dowdy 660-385- 2796
Organization: SwcP
Position: Soil Scientist III

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: A. Marshaux	Date: $\frac{4}{7}$ 05
signed. 11. 14 washing	Date.



40.54 to 3. 93.34 136 FOM: 24.	N Field Data SI Dat (A separate	a Sheet B - data sheet m			Dave Doudy & Amber Marshaus
Missouri WBID #: C	0621-01	43-3-C	Site Location De		
Date & Time: 7-5	-05@12:0	oom	Facility Name:		
1 - 1			Permit Number:		
Current Weather Condit	ions: Clear Mic	180's, clea	Weather Conditi	ons for Past 7 days: Sown	e Rain His Mi
Photo Ids: Upstream:	bealul Dor	wnstream: O(21D Other		80,2-6
ses Observed*:					Trumid
Swimming	Skin diving	SC	UBA diving	Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boa	ating	Wading	Rafting
Hunting	☐ Trapping	☐ Fisl	hing	None of the above	Other:
Describe: (include numb	per of individuals rec	creating, freque	ency of use, photo-	documentation of evidence	of recreational uses, etc.)
urrounding Condition ms of interest.)	ns*: (Mark all that	promote or imp	pede recreational u	ses. Attach photos of evide	nce or unusual
urrounding Condition ms of interest.) City/county parks	ns*: (Mark all that p	promote or imp	pede recreational u	ses. Attach photos of evide	nce or unusual
urrounding Condition ms of interest.) City/county parks Boating accesses	ns*: (Mark all that) Playgrounds State parks	promote or imp	pede recreational u nservation lands forests	ses. Attach photos of evide Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkway
urrounding Condition ms of interest.) City/county parks	ns*: (Mark all that marks) Playgrounds State parks Fence	promote or imp	pede recreational u nservation lands forests	ses. Attach photos of evide	nce or unusual Campgrounds Stairs/walkway
Irrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that marks) Playgrounds State parks Fence	promote or imp MDC con National Steep slo	pede recreational u nservation lands forests	ses. Attach photos of evide Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

Page Two - WBID # OG21:00

Stream Morph Upstream V	iology: Tiew Physical Dime	ensions:			
☐ Riffle W	Vidth (ft):	Length (ft):	Avg. Depth (ft):	Max. Deptl	ı (ft):
Run W	Vidth (ft): 4	Length (ft): \$\frac{5}{5}\$	Avg. Depth (ft): 0.2	5 Max. Deptl	n (ft): 0.5
Pool W	Vidth (ft):	Length (ft):	Avg. Depth (ft):	Max. Depti	n (ft):
Flow P	resent? Yes	No	Estimated (ft³/sec):		
Downstream	n View Physical Di	mensions:			
☐ Riffle V	Vidth (ft):	Length (ft):	Avg. Depth (ft):	Max. Depti	n (ft):
☐ Run V	Vidth (ft):	Length (ft):	Avg. Depth (ft):	Max. Deptl	n (ft):
XOPool V	Vidth (ft): 15	Length (ft):	Avg. Depth (ft): O.5	Max. Deptl	n (ft): 1.5
Dow P	resent? XYes	No	Estimated (ft ³ /sec):		
Substrate* (T	These values should add	un to 100%)	75		
		ravel 25% San	d Silt	% Mud/Clay	% Bedrock
Aquatic Veget	ation*: (note amount	of vegetation or algal gro	wth at the assessment site)		
	Hadric II	ants : ff	ees in cha	nnel, p	or sourced
L H	ydric Pa	nts along	1 bank		
	eteristics*: (Mark all		nemical None	Other:	
Odor:	Sewage		nemical None Milky	Other:	BRIGH
Color:	Clear		ne sediments None	Other:	COMP.
Bottom Depo			oam Dam	Other:	· · · · · · · · · · · · · · · · · · ·
Comments: Pl			Sheen ng information from i		
	Rust C	iolored Fe	deposits a	long ban	KS
comprehensive ur	nderstanding of water co	onditions. Consequently,	onal use designation but ra his information is not inte that need further analysis	ended to directly inth	ience a
I, the undersig			nowledge, that all in		
		<i>></i>	Date: 7 / 7 /	105	
Organization:	Sw CP		Position: <u>8</u>	, I	



0621_001_DS



Data Sheet B - Site Characterization

Dave Dowdy E. Amber Marshaus

(A separate data sheet must be completed for each site)

Site GPS Coordinates:			ocation Description:	
	0621-02 40.54146N 93	. 33 558W	Shankton Creck	
Date & Time: 7 -	5-05@ 12:15p	Facility Facility	ty Name:	
Personnel: DD, A			it Number:	
Current Weather Cond	itions: Hot, Clear, Su	Weath	ner Conditions for Past 7 days:	at Day Some Rai
Photo Ids: Upstream:	OGALUA Downstre			DOTTOC NO
Uses Observed*:		1		
Swimming	Skin diving	SCUBA div	ving Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	Wading	Rafting
☐ Hunting	Hunting Trapping Fishi		None of the above	Other:
Surrounding Condition terms of interest.)	ns*: (Mark all that promo	ote or impede recr	reational uses. Attach photos of evic	lence or unusual
Surrounding Condition tems of interest.)		ote or impede recr		dence or unusual
tems of interest.)	Playgrounds 1			
tems of interest.) City/county parks	Playgrounds I	MDC conservation	on lands Urban areas	☐ Campgrounds
City/county parks Boating accesses	Playgrounds 1 State parks 1 Fence (attle) 1	MDC conservation	on lands Urban areas Nature trails	☐ Campgrounds
City/county parks Boating accesses No trespass sign	Playgrounds 1 State parks 1 Fence (attle) 1 Se*:	MDC conservation	on lands	☐ Campgrounds ☐ Stairs/walkway
tems of interest.) City/county parks Boating accesses No trespass sign	Playgrounds 1 State parks 1 Fence (attle) 1 Se*:	MDC conservation National forests Steep slopes	on lands	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two – WI	BID # <u>0621</u> (2)	Data Sheet 1		12ation	
Stream Morph	ology:				
•	ew Physical Dir	nensions:			
☐ Riffle W	idth (ft):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):
⊠ Run W	idth (ft): 25 14	5 Length (ft): 😝	55 Avg. Depth ((ft): 2	Max. Depth (ft): 4
Pool W	idth (ft): みち	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):
Flow Pro	esent? 🛚 Yes	☐ No	Estimated (ft	³ /sec): V. 5li	aht
D	X72 101	D:			J
	View Physical				
☐ Riffle W	idth (ft):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):
Run W	idth (ft): \S	Length (ft):	Avg. Depth ((ft): Q	Max. Depth (ft): 🚓 🕂
☑ Pool W	idth (ft): ス5	Length (ft): 3	5 Avg. Depth ((ft): \	Max. Depth (ft): 2
K Flow Pr	esent? XYes	☐ No	Estimated (ft	13/sec): V. 54.	ght
				(0
Substrate*: (Th	nese values should a	id up to 100%.)			
% Co	obble %	Gravel	% Sand / 00	% Silt	% Mud/Clay % Bedrock
	, e de			. 4. 5	
Aquatic Vegeta	ition*: (note amou	nt of vegetation or a	lgal growth at the asse	essment site)	la ` casab
Hydri	c Plants, (arasses, Com	1 banks)	100 picer	its in creet
Water Charact	teristics*: (Mark a	ll that apply.)			
Odor:	☐ Sewage	Musky	Chemical	None	Other:
Color:	☐ Clear	Green	Gray	☐ Milky	Other: Murky (silty)
Bottom Depos	it: Sludge	Solids		None	Other:
Surface Depos	sit: 🛛 Oil	Scum	Foam	None	Other:
<u> </u>	Le pet	roleum sh	een		
Comments: Ple	ease attach additio	onal comments (i	ncluding informati	ion from intervie	ews) to this form. , /Ro
Brida	e work b	eina condi	ucted — As	sphalt sol	or on bridge Co
Som	e iron de	posits on	up 8treau recreational use design	m bank	o provide a more
comprehensive unc	is not to be used sold terstanding of water	conditions. Consecr	uently, this information	on is not intended to	directly influence a
decision on the rec	reation use analysis	but may point to con	ditions that need furth	er analysis or that e	effect another use.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: 1. Marilians	Date: 4705
Organization: SwcP	Position: 38-I



0621_002_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Dave Dowdy & Amber Marshaus

	Missouri WBID #:	621-03	Site Location Des	scription: Shank-	ton Creek	
	Site GPS Coordinates: 9	3.32555W	140 53014N	1/13.9 Fom		
	Date & Time: 7-5-	05 @ 12:53	Facility Name:			
	Personnel: DD, A/		Permit Number:			
	Current Weather Condition	ons: Partly Coudy	Mid 80 SWeather Condition	ons for Past 7 days: Surv	14, humid, some	
	Photo Ids: Upstream: OU	22143 Downstre	am: 062103 Other:		J, , , , , , , , , , , , , , , , , , ,	
Us	es Observed*:					
	Swimming	Skin diving	SCUBA diving	☐ Tubing	☐ Water skiing	
	☐ Wind surfing	☐ Kayaking	☐ Boating	Wading	Rafting	
	Hunting	☐ Trapping	☐ Fishing	☑None of the above	Other:	
	Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)					
	L					
Su	rrounding Condition	S*: (Mark all that promo	ste or impede recreational us	es. Attach photos of eviden	ace or unusual	
	rrounding Condition as of interest.)	S*: (Mark all that promo	te or impede recreational us	es. Attach photos of eviden	nce or unusual	
	_		te or impede recreational us	es. Attach photos of eviden	nce or unusual	
	ms of interest.)	Playgrounds I		- /		
iter	ms of interest.) City/county parks Boating accesses No trespass sign	Playgrounds I	MDC conservation lands National forests Steep slopes	Urban areas	Campgrounds	
iter	ms of interest.) City/county parks Boating accesses No trespass sign	Playgrounds I	MDC conservation lands National forests Steep slopes	Urban areas Nature trails	Campgrounds	
iter	ns of interest.) City/county parks Boating accesses	Playgrounds I	MDC conservation lands National forests Steep slopes	Urban areas Nature trails	Campgrounds Stairs/walkway RV / ATV Tracks	
iter	ms of interest.) City/county parks Boating accesses No trespass sign	Playgrounds II	MDC conservation lands National forests Steep slopes	Urban areas Nature trails Other:	☐ Campgrounds ☐ Stairs/walkway	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID # <u>UG2</u>:

Upstream View Physic ☐ Riffle Width (ft): ☐ Run Width (ft):			
	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Ednal Wilde (A)	8 Length (ft): 80	Avg. Depth (ft):	Max. Depth (ft): 2-3
Pool Width (ft):	25 Length (ft): 3 0	Avg. Depth (ft):	Max. Depth (ft):
☐ Flow Present? ☐	Yes No	Estimated (ft ³ /sec):	
Dawn street View Ph	visical Dimensions.		
Downstream View Phy	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
		Avg. Depth (ft):	Max. Depth (ft): 4
Pool Width (ft):	Length (ft): \\ \{\frac{20}{20}}\]	Avg. Depth (ft):	Max. Depth (ft):
		Estimated (ft ³ /sec):	112011 Dopter (10)1
Flow Present?	Yes No	Estimated (11/500).	
ubstrate*: (These values s	should add up to 100%.)		
% Cobble	% Gravel % S	and 100 % Silt	% Mud/Clay % Bedrock
Vater Characteristics*:		Chemical X None	Other:
		Gray Milky	Other: Murky (silty)
	ludge 🗌 Solids 🛛	Fine sediments None	Other:
Surface Deposit: 🛛 O	TI SANS	Foam None	Other:
This information is not to be omprehensive understanding ecision on the recreation use	used solely for removal of a recrea of water conditions. Consequently analysis but may point to condition by affirm to the best of my	ntional use designation but rather it, this information is not intended as that need further analysis or the	is to provide a more to directly influence a
I, the undersigned, here latasheet is true and according to the latest strue and according to the latest structure and according to the latest struc	slinus	Date: 7-7 Position: Soil	-05 Scientist I



0621_003_DS

